A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G01N33/543 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 G01N Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ, WPI Data, BIOSIS, EMBASE, MEDLINE C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages Category ° 1-54 US 6 103 479 A (CELLOMICS, INC) 15 August 2000 (2000-08-15) the whole document 1 - 54US 6 197 575 B1 (MASSACHUSETTS INSTITUTE OF TECHNOLOGY) 6 March 2001 (2001-03-06) columns 6-10; claims 1-28; figures 1-6 1 - 54US 6 225 131 B1 (AKZO NOBEL) 1 May 2001 (2001-05-01) the whole document WO 01/45843 A (GENE LOGIC INC) 1-54 28 June 2001 (2001-06-28) the whole document Patent family members are listed in annex. Further documents are listed in the continuation of box C. Special categories of cited documents : "T" later document published after the international filing date or priority date and not in conflict with the application but "A" document defining the general state of the art which is not cited to understand the principle or theory underlying the considered to be of particular relevance invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to filing date involve an inventive step when the document is taken alone \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the citation or other special reason (as specified) document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled other means in the art. \*P\* document published prior to the international filling date but "&" document member of the same patent family later than the priority date claimed Date of mailing of the international search report Date of the actual completion of the international search 16/06/2005 9 June 2005 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Moreno de Vega, C Fax: (+31-70) 340-3016

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/EP2004/013526

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
US 6103479 A	15-08-2000	UST AU ACA DE EPPPOSS SUSSISSISSISSISSISSISSISSISSISSISSISSISS	5989835 A 268008 T 730100 B2 6667898 A 2282658 A1 2410688 A1 69824174 D1 983498 T3 1439384 A2 0983498 A1 2000509827 T 2002355090 A 9838490 A1 6548263 B1 6671624 B1 2003096322 A1 6620591 B1 6759206 B1 6727071 B1 2004009539 A1 6756207 B1 6416959 B1 6573039 B1 2004101912 A1 2004063162 A1 734704 B2 3297197 A 2257287 A1 0912892 A1	23-11-1999 15-06-2004 22-02-2001 18-09-1998 03-09-1998 01-07-2004 16-08-2004 21-07-2004 08-03-2000 02-08-2000 10-12-2002 03-09-1998 15-04-2003 30-12-2003 22-05-2003 16-09-2003 06-07-2004 27-04-2004 29-06-2004 09-07-2002 03-06-2003 27-05-2004 01-04-2004 21-06-2001 05-01-1998 04-12-1997 06-05-1999
US 6197575 B	1 06-03-2001	JP WO AT CA DE DE EP WO	2000512009 T 9745730 A1 227338 T 2324208 A1 69903800 D1 69903800 T2 1064353 A2 9947922 A2	12-09-2000 04-12-1997 15-11-2002 23-09-1999 12-12-2002 02-10-2003 03-01-2001 23-09-1999
US 6225131 B	1 01-05-2001	AT AU AA DE DE DK DKO EP ES GP PT US	284451 T 199663 T 724382 B2 8863298 A 2290945 A1 69800595 D1 69800595 T2 69828083 D1 1050588 T3 975427 T3 9902266 A1 1050588 A1 0975427 A1 2157669 T3 3036010 T3 3208390 B2 2000515251 T 975427 T 2002102565 A1	15-12-2004 15-03-2001 21-09-2000 08-02-1999 21-01-1999 19-04-2001 18-10-2001 13-01-2005 25-04-2005 09-07-2001 21-01-1999 08-11-2000 02-02-2000 16-08-2001 28-09-2001 10-09-2001 14-11-2000 30-08-2001 01-08-2002

## INTERNATIONAL SEARCH REPORT

Information on patent ramily members

International Application No
PCT/EP2004/013526

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 6225131	B1		US US	2002127738 A1 2002164584 A1	12-09-2002 07-11-2002
WO 0145843	Α	28-06-2001	AU CA EP WO US	4502601 A 2364381 A1 1202803 A2 0145843 A2 2003091477 A1	03-07-2001 28-06-2001 08-05-2002 28-06-2001 15-05-2003